

Application No. 79464

**APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE OF NEVADA**

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office FEB 02 2010

Returned to applicant for correction _____

Corrected Application filed _____ Map filed NOV 09 1993 under 58589

The applicant Southern Nevada Water Authority ("SNWA"), a quasi-municipal corporation and political subdivision of the State of Nevada

1001 S. Valley View Blvd. of Las Vegas
Street Address or P.O. Box City or Town

Nevada, 89153 hereby make(s) application for permission to appropriate the
State and ZIP Code

public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

SNWA was formed in 1991 pursuant to Nevada Revised Statutes Chapter 277.

JM 2/4/10
MUDDY RIVER and its Tributaries at about point of juncture
with LAKE MEAD at spillway elevation 1,220 feet above mean
sea level within the NW 1/4 SW 1/4 section 20, T16S R6E MDBM
1. The source of water is ~~underground~~ (Black Mountains Area - HA215)

Name of the stream, lake, underground, spring or other sources.

2. The amount of water applied for is 100.0 cfs, not to exceed 30,000 af average annually

One second foot equals 448.83 gallons per minute.

(a) If stored in a reservoir give the number of acre-feet up to 30,000 af average annually to be stored in Lake Mead.

3. The water is to be used for municipal and domestic

Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated _____

(b) Stockwater, state number and kind of animals _____

(c) Other use (describe fully in No. 12) _____

(d) Power:

(1) Horsepower developed _____

(2) Point of return of water to stream _____

215-cl

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the NE 1/4 NW 1/4 Section 11, T.22S., R.64E., M.D.B.&M., at a point from which the NW corner Section 10, T.22S., R.64E., M.D.B.&M. bears N 82° 12' 37" W., a distance of 7,530.4 feet.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

is within Clark County (as defined in NRS 243.035-243.040), Lincoln County (as defined in NRS 243.210-243.225), Nye County (as defined in NRS 243.275-243.315) and White Pine County (as defined in NRS 243.365-243.385).

JM 2/6

7. Use will begin about January 1 and end about December 31 of each year.

Month and Day

Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Water will be diverted via well, pump, pipeline, pumping station, reservoirs and distribution system.
Existing Southern Nevada Water System; intake to treatment plant;
treated water pumped to place of use

9. Estimated cost of works: \$2 million existing (cost about \$312 million)

10. Estimated time required to construct works: 10 Years existing
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 15 Years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

The water sought under this application will be placed to beneficial use within the Southern Nevada Water Authority and the Lincoln County Water District service territories. The approximate number of persons to be served is 2 million and is estimated to be 3.851 million by 2050. The applicant seeks all unappropriated water of the Muddy River which flows into Lake Mead at spillway elevation about 1,220 feet above mean sea level, located within the NW 1/4 SW 1/4 Section

13. Miscellaneous remarks: 20, T16S, R68E, M.D.B.&M

JM 2/4/10

Please see map filed under Application Number 58589.

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Phone No.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Paul G Taggart, Esq., Agent

Paul G. Taggart Type or print name clearly

Signature, applicant or agent

Taggart & Taggart, Ltd.

Company Name

108 N. Minnesota St.

Street Address or PO Box

Carson City, NV 89703

City, State, ZIP Code

Revised 07/09 \$300 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION